

Hazardous Substances Emergency Events Surveillance (HSEES) Program

Missouri Department of Health and Senior Services
2003 HSEES Events – Quarterly Summary *
January 1 through March 31 (First Quarter)

ST. CHARLES COUNTY

	Fixed Facility	Transportation	Total
County events this quarter:	1	4	5
Statewide events this quarter:	59	40	99

Types of Substances Released:

Amines
Corrosive
Epoxy
Hydrochloric Acid
Mercury
MIX: Toluene/Xylene

Number of Victims: 2

Types of Injuries Sustained:

Headache (2)

Injury Outcomes:

Treated at hospital – not admitted (2)

Number of Events with Evacuations: 1

Number of People Evacuated: Unknown

Interesting Events:

February 2003 – An empty hydrochloric acid tanker truck with a faulty valve caused Interstate 70 to be closed in both directions when acid fumes were noted. The driver pulled over to check something on the truck when it was discovered that the alarm was going off on the tank, indicating a leak. The truck had previously been emptied of its load and pressurized with air, which contained a significant amount of moisture due to weather conditions. The water reacted with the residual gas left in the tank, resulting in the vapors. The vapors escaped through a valve that had a bad gasket. Two nearby restaurants were evacuated and two individuals were transported by ambulance to a nearby hospital for symptoms resulting from the vapors.



* Preliminary data – subject to change